# **POWER OF ATTORNEY**

Application Number:	10/553,028
Filing Date:	October 11, 2005
First Named Inventor:	Michael P. BELMARES
Art Unit:	1654
Examiner Name:	Unknown
Attorney Docket Number:	ARBV:003US

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CORRESPONDENCE ADDRESS INDICATION FORM		Art Unit:		1654	
		Examiner Name:		Unknown	
Attorney Docket Number: ARBV:003US					
I hereby revo	ke all previous powers of atto	orney given in the	e above-iden	tified application.	
A Power of	f Attorney is submitted herewith.				
OR					
I hereby app	point the practitioners associated v	with the Customer N	Jumber: 32	2425	
	ney(s) or agent(s) to prosecute the atent and Trademark Office conne		ed above, and	to transact all business in the	
Please recogniz	e or change the correspondence a	ddress for the above	e-identified ap	plication to:	
OR	The address associated with Cust	omer Number:	32425		
Firm or Individual Name					
Address					
City			State	Zip	
Country					
Telephone			Email		
I am the:					
Applicant/I	Inventor.				
	f record of an interest. See 37 CF under 37 CFR 3.73(b) is enclosed.		5)		
	SIGNATURE OF APPL	ICANT OR ASSIGN	NEE OF REC	ORD	
Signature	fle 1	11			
Name	PETER S	Lu			
Title and Company	Arbor Vita Corporation	,	Telephone		
Date	04/24/07	2	408	585 3902	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.					
*Total of	forms are submitted.				

MODIFIED PTO/SB/96 (04-07)
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STATEMENT UNDER 37 CFR 3.73(b)			
Applicant/Patent Owner: Michael P. BELMARES, Peter S. LU and Jonathan Davi	d GARMAN		
Application No./Patent No. 10/553,028 Filed/Issue Date: C	October 11, 2005		
Entitled: MODULATION OF MUC1 MEDIATED SIGNAL TRANSDUCTION			
universi	Assignee, e.g., corporation, partnership, ty, government agency, etc.)		
states that it is:			
1. The assignee of the entire right, title, and interest; or			
2. \( \square\) an assignee of less than the entire right, title and interest.			
in the patent application/patent identified above by virtue of either:  A.   An assignment from the inventor(s) of the patent application/patent identified	d above. The assignment was recorded in		
the United States Patent and Trademark Office at Reel, Frame,	or for which a copy thereof is attached.		
OR			
B. A chain of title from the inventor(s), of the patent application/patent identification follows:	ed above, to the current assignee as		
1. From: To: To: The document was recorded in the United States Patent and Tradema Reel, Frame, or for which a copy thereof is attached.	rk Office at		
2. From: To:			
The document was recorded in the United States Patent and Tradema Reel, Frame, or for which a copy thereof is attached.	rk Office at		
3. From: To:			
3. From: To: To: The document was recorded in the United States Patent and Tradema Reel, Frame, or for which a copy thereof is attached.	rk Office at		
Additional documents in the chain of title are listed on a supplemental sheet			
As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chair assignee was, or concurrently is being submitted for recordation pursuant to [NOTE: A separate copy (i.e., a true copy of the original assignment document Division in accordance with 37 CFR Part 3, if the assignment is to be record MPEP 302.08]	37 CFR 3.11. nent(s)) must be submitted to Assignment		
The undersigned (whose title is supplied below) is authorized to act on behalf of the	ne assignee.		
Monica Red Q	June 11, 2008		
Signature	Date		
Monica A. De La Paz, Reg. No. 54,662	(512) 474-5201		
Printed or Typed Name	Telephone Number		
Attorney	ARBV:003US		
Title	File Code		

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to ARBOR VITA CORPORATION (the "Assignee"), having a place of business at 772 Lucerne Drive, Sunnyvale, California 94085, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/553,028 which has been filed on October 11, 2005 and is entitled "MODULATION OF MUC1 MEDIATED SIGNAL TRANSDUCTION", is a 371 Nationalization of PCT/US2004/011195 filed 04/1204 which claims priority to US Provisional Application No. 60/524,188 filed November 21, 2003, which claims priority to US Provisional Application No. 60/502,111 filed September 11, 2003, which claims priority to US Provisional Application No. 60/475,595 filed June 4, 2003, which claims priority to US Provisional Application No. 60/467,728 filed May 2, 2003, which claims priority to US Provisional Application No. 60/462,111 filed April 11, 2003, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States:

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

and extend to the successors, assigns and nominees of the Assignee. Signature: Milhael P. Belmane STATE OF CALIFORNIA COUNTY OF SANTA CLARA BEFORE ME, the undersigned authority, on this 24 day of APRIL, 2007 personally appeared Michael P. Belmares, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed. [SEAL] Signature: Name: Peter S. Lu STATE OF CALIFORNIA COUNTY OF SANTA BEFORE ME, the undersigned authority, on this 24 day of APRIL, 2007 personally appeared Peter S. Lu, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned

[SEAL]

Notary or Consular Officer

will for the purposes and consideration therein expressed.

SUNITA SINGH

Signature:		_		Date:	4/24/200	7
Name	: Jonathan David	l Garman			,	
STATE OF _ COUNTY OF	California Santa Cl	arc~				
personally ap subscribed to	RE ME, the unpeared Jonathan the foregoing instead will for the pure.	David Garm strument and a	nan, known to acknowledged	me to be to me that	the person who he/she executed	se name is
[SEAL]	SUNITA COMM. NOTARY PUBLI	SINGH Z 1527555 C-CALIFORNIA RA COUNTY NOV. 18, 2008	Notary or Con		Yeras	

POWER OF ATTORNEY
AND
CORRESPONDENCE ADDRESS
INDICATION FORM

	1/10/30/61 (VI-VO) MICHAELIA
Application Number:	10/553,028
Filing Date:	October 11, 2005
First Named Inventor:	Michael P. BELMARES
Art Unit:	1654
Examiner Name;	Unknown
Attorney Docket Number:	ARBV:003US

POWE	ER OF ATTORNEY	rang Date:		1 (76(0))(11), 2003	
	AND	First Named Inventor		Michael P. BELMARES	
1	PONDENCE ADDRESS	Art Unit:		1654	
טאו	DICATION FORM	Examiner Name;		Unknown	P-1
		Attorney Docket Num	ber:	ARBV:003US	
I hereby revo	oke all previous powers of atto	orney given in the ab	ove-iden	tified application.	Para Marian
☐ ∧ Power o	of Attorney is submitted herewith.				
OR					
🔀 I hereby ap	point the practitioners associated w	vith the Customer Numb	er: 32	2425	
	mcy(s) or agent(s) to prosecute the Patent and Trademark Office conne		ove, and	to transact all business in the	
Please recogniz	ze or change the correspondence ad	dress for the above-ide	itified app	plication to:	
ØR ⊠	The address associated with Custo	omer Number: 3242	5	TOUR TOUR THE STATE OF THE STAT	
☐ Firm or Individual Name					
Address					
City		Sta	.e	Zip	<del></del>
Country					
Telephone		B	mail		
I am the:		, , , , , , , , , , , , , , , , , , ,			
☐ Applicant/	Inventor.				
	of record of an interest. See 37 CFI under 37 CFR 3.73(b) is enclosed.				
	SIGNATURE OF APPLI	CANT OR ASSIGNEE	OF RECO	)RD	
Signature C	Parla (helf)				
Name	PANEUR D MRINICILO				^ <b>- -</b> - <b>-</b>
Title and Company	Dana-Farber Cancer Institute, Inc.	FOIL INNELLECTION Telep	hone	617-6325492	
Date 5,10.07					
NOTE: Signatures of multiple forms if more	f all the inventors or assignces of recetthan one signature is required, see be	ord of the entire interest low*.	or their rep	presentative(s) are required. Sub	omit_
*Total of	forms are submitted.				

### Dana-Farber Cancer Institute, Inc. Certificate of Corporate Authority

I, Richard S. Boskey, Assistant Secretary of Dana-Farber Cancer Institute, Inc., a Massachusetts not-for-profit corporation with its usual place of business at 44 Binney Street in Boston, Massachusetts (the "Corporation"), hereby certify that Pamela D. Ariniello, acting in her capacity as Associate General Counsel for Intellectual Property of the Corporation, is authorized to act on behalf of and bind the Corporation as to the matters specified below:

Copyright, Patent and Trademark Applications and Related Documents

Executed this 31st day of March, 2006.

Richard S. Boskey Assistant Secretary

Dana-Farber Cancer Institute, Inc.

## MODIFIED PTO/SB/96 (04-07) STATEMENT UNDER 37 CFR 3.73(b) Applicant/Patent Owner: Donald W. KUFE Application No./Patent No. 10/553,028 Filed/Issue Date: October 11, 2005 Entitled: MODULATION OF MUC1 MEDIATED SIGNAL TRANSDUCTION Dana-Farber Cancer Institute, Inc. (Type of Assignee, e.g., corporation, partnership, (Name of Assignee) university, government agency, etc.) states that it is: 1. \times the assignee of the entire right, title, and interest; or 2. \( \) an assignee of less than the entire right, title and interest. in the patent application/patent identified above by virtue of either: A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_, or for which a copy thereof is attached. OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows: To: 1. From: The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. To: 2. From: The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. 3. From: The document was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

Title

Additional documents in the chain of title are listed on a supplemental sheet.

The undersigned (whose title is supplied below) is authorized to act on behalf of	the assignee.
Monica Qe L	June 11, 2008
Signature	Date
Monica A. De La Paz, Reg. No. 54,662	(512) 474-5201
Printed or Typed Name	Telephone Number
Attorney	ARBV:003US

File Code

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to DANA-FARBER CANCER INSTITUTE, INC. (the "Assignee"), having a place of business at 44 Binney Street, Boston, Massachusetts 02115, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/553,028 which has been filed on October 11, 2005 and is entitled "MODULATION OF MUC1 MEDIATED SIGNAL TRANSDUCTION", is a 371 Nationalization of PCT/US2004/011195 filed April 12, 2004 which claims priority to US Provisional Application No. 60/524,188 filed November 21, 2003, which claims priority to US Provisional Application No. 60/502,111 filed September 11, 2003, which claims priority to US Provisional Application No. 60/475,595 filed June 4, 2003, which claims priority to US Provisional Application No. 60/467,728 filed May 2, 2003, which claims priority to US Provisional Application No. 60/462,111 filed April 11, 2003, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

TO BE BINDING on the heirs, assigns and extend to the successors, assigns and nom	s, representatives and successors of the undersigned inces of the Assignee.
Signature: Name: Donald W. Kufe	Date: 5/8/07
COUNTY OF KEED SUFFOLK	
the foregoing instrument and acknowledged to free will for the purposes and consideration the	ority, on this S day of Many, 2007 o me to be the person whose name is subscribed to me that he/she executed the same of his/her own crein expressed.
[SEAL]	otally or Consular Officer Cyp 08-08-08
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PTO/SB/81 (01-06) MODIFIED

# POWER OF ATTORNEY AND CORRESPONDENCE ADDRESS INDICATION FORM

Application Number:	10/553,028
Filing Date:	October 11, 2005
First Named Inventor:	Michael P. BELMARES
Art Unit:	1654
Examiner Name:	Unknown
Attorney Docket Number:	ARBV:003US

INDICATION FORM		Art Unit:		1654	
		Examiner Nam	Examiner Name:		Unknown
		Attorney Dock	cet Number:	ARBV:003U	3
I hereby revoke all previous powers of attorney given in the above-identified application.					
A Power o	of Attorney is submitted herewith.				
OR					
	point the practitioners associated v	vith the Custome	er Number:	32425	
	ney(s) or agent(s) to prosecute the atent and Trademark Office conne		ntified above, a	nd to transact all b	usiness in the
Please recogniz	ze or change the correspondence ad	ldress for the ab	ove-identified	application to:	
OR	The address associated with Custo	omer Number:	32425		
Firm or Individual Name					·
Address					
City			State	Zi	р
Country					
Telephone			Email		
I am the:					
Applicant/I	nventor.				
	f record of an interest. See 37 CFF under 37 CFR 3.73(b) is enclosed.		(196)		
	SIGNATURE OF APPLI	CANT OR ASSI	GNEE OF REC	CORD	
Signature	Batt & Ven	le			
Name	Bart 9. New!	and, V.f	P., Intelle	ctual Prop	perty
Title and Company	Genzyme Corporation	P	Telephone	781 434	- 3570
Date	June 11, 2008				
	all the inventors or assignees of rece than one signature is required, see be		interest or their	representative(s) ar	e required. Submit
*Total of	forms are submitted,				

## MODIFIED PTO/SB/96 (04-07) STATEMENT UNDER 37 CFR 3.73(b) Applicant/Patent Owner: Albert A. JECMINEK, Naoki AGATA, and Surender KHARBANDA Filed/Issue Date: October 11, 2005 Application No./Patent No. 10/553,028 Entitled: MODULATION OF MUC1 MEDIATED SIGNAL TRANSDUCTION Genzyme Corporation (Type of Assignee, e.g., corporation, partnership, (Name of Assignee) university, government agency, etc.) states that it is: 1. the assignee of the entire right, title, and interest; or 2. \ an assignee of less than the entire right, title and interest. in the patent application/patent identified above by virtue of either: A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. OR B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows: To: The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. To: The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. To: The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being submitted for recordation pursuant to 37 CFR 3.11. [NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08] The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee. Jonica A June 11, 2008 Date Monica A. De La Paz, Reg. No. 54,662 (512) 474-5201 Printed or Typed Name Telephone Number ARBV:003US Attorney

Title

File Code

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to GENZYME CORPORATION (the "Assignee"). having a place of business at 500 Kendall Street, Cambridge, Massachusetts 02142, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/553,028 which has been filed on October 11, 2005 and is entitled "MODULATION OF MUC1 MEDIATED SIGNAL TRANSDUCTION", is a 371 Nationalization of PCT/US2004/011195 filed April 12, 2004 which claims priority to US Provisional Application No. 60/524,188 filed November 21, 2003, which claims priority to US Provisional Application No. 60/502,111 filed September 11, 2003, which claims priority to US Provisional Application No. 60/475,595 filed June 4, 2003, which claims priority to US Provisional Application No. 60/467,728 filed May 2, 2003, which claims priority to US Provisional Application No. 60/462,111 filed April 11, 2003, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States:

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.
Signature: Clubert A. Jecminek  STATE OF Akizon A  BEFORE ME, the undersigned authority, on this day of April , 2007  personally appeared Albert A. Jecminek, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.
MELISSA F. DIAZ NOTARY PUBLIC - ARIZONA PIMA COUNTY My Commission Expires December 15, 2009  MELISSA F. DIAZ Notary or Consular Officer
Signature: Date:
STATE OF
BEFORE ME, the undersigned authority, on this day of, 2007 personally appeared Naoki Agata, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.
Notary or Consular Officer [SEAL]

Signature:	Date:	
Name: Surender Kharba	anda	
STATE OF		
COUNTY OF	<del></del>	
personally appeared Surender	day of day of Kharbanda, known to me to be the personment and acknowledged to me that he/she expressions.	son whose name is
his/her own free will for the pur	rposes and consideration therein expressed.	
	Notary or Consular Officer	
ISFAII	riotary of Consular Officer	

[SEAL]

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to GENZYME CORPORATION (the "Assignee"), having a place of business at 500 Kendall Street, Cambridge, Massachusetts 02142, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/553,028 which has been filed on October 11, 2005 and is entitled "MODULATION OF MUC1 MEDIATED SIGNAL TRANSDUCTION", is a 371 Nationalization of PCT/US2004/011195 filed April 12, 2004 which claims priority to US Provisional Application No. 60/524,188 filed November 21, 2003, which claims priority to US Provisional Application No. 60/502,111 filed September 11, 2003, which claims priority to US Provisional Application No. 60/475,595 filed June 4, 2003, which claims priority to US Provisional Application No. 60/467,728 filed May 2, 2003, which claims priority to US Provisional Application No. 60/462,111 filed April 11, 2003, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United

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WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:	Date:
Name: Albert A. Jecminek	
STATE OF	
personally appeared Albert A. Jecr	need authority, on this day of, 2007 minek, known to me to be the person whose name is at and acknowledged to me that he/she executed the same of and consideration therein expressed.
	Notary or Consular Officer
[SEAL]	
Signature: Noaki Agata	pate: December 4, 2007
personally appeared Naoki Agata, kno	
	Witness Witness

Signature:	Date:
Name: Surender Kharba	nda
STATE OF	
COUNTY OF	<u> </u>
personally appeared Surender subscribed to the foregoing instr	Kharbanda, known to me to be the person whose name is ument and acknowledged to me that he/she executed the same of coses and consideration therein expressed.
	Notary or Consular Officer
[SEAL]	

ž.

#### ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to GENZYME CORPORATION (the "Assignee"), having a place of business at 500 Kendall Street, Cambridge, Massachusetts 02142, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 10/553,028 which has been filed on October 11, 2005 and is entitled "MODULATION OF MUC1 MEDIATED SIGNAL TRANSDUCTION", is a 371 Nationalization of PCT/US2004/011195 filed April 12, 2004 which claims priority to US Provisional Application No. 60/524,188 filed November 21, 2003, which claims priority to US Provisional Application No. 60/502,111 filed September 11, 2003, which claims priority to US Provisional Application No. 60/475,595 filed June 4, 2003, which claims priority to US Provisional Application No. 60/467,728 filed May 2, 2003, which claims priority to US Provisional Application No. 60/462,111 filed April 11, 2003, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States:

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature:	Date:	
Signature:Name: Albert A. Jecminek	-	
STATE OF		
COUNTY OF		
personally appeared Albert A. Jec subscribed to the foregoing instrume	med authority, on this day of eminek, known to me to be the pers nt and acknowledged to me that he/she es and consideration therein expressed.	on whose name is
	Notary or Consular Officer	
[SEAL]		
Signature:	Date:	
Name: Noaki Agata		
personally appeared Naoki Agata, kr foregoing instrument and acknowled	ned authority, on this day of _ nown to me to be the person whose name ged to me that he/she executed the same	e is subscribed to the
will for the purposes and consideration		
	Witness	

Signature:
Name: Surender Kharbanda
STATE OF MASSACKUSALLS COUNTY OF SUPPOINT
BEFORE ME, the undersigned authority, on this day of, 2000 personally appeared Surender Kharbanda, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of
his/her own free will for the purposes and consideration therein expressed.
Defance O Seur Rais
Notary or Consular Officer
[SEAL]

© ...

ERLANDE K. JEAN-LOUIS
NOTARY PUBLIC
COMMONWEALTH OF MASSACHUSETTS
MY COMMISSION EXPIRES
DECEMBER 11, 2009